

APPENDIX B

VERSION WITH MARKINGS TO SHOW CHANGES MADE

37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

24. (Twice Amended) A method according to claim 1, wherein said admixture [further includes] contains a polyaniline monomer, [of] said [precursor], additive and an oxidant.



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VERSION WITH MARKINGS TO SHOW CHANGES MADE
37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

1. (Amended) A method comprising:
forming an admixture of
a solvent,
an additive and
a polymer selected from the group consisting of a precursor to an electrically conductive polymer and an electrically conductive polymer,
said polymer being soluble in said solvent,
said polymer not being substantially soluble in said additive in the absence of said solvent;
said additive provides local mobility to said polymer to allow said polymer to associate with one another to achieve a crystalline state; and
removing or partly removing said solvent, substantially leaving said additive therein as remaining additive, said remaining additive provides local mobility to said polymer to achieve said crystalline state thereby comprising a polycrystalline material, said polycrystalline material is characterized by a degree of crystallinity regions and a degree of amorphous regions, said degree of crystallinity regions and said degree of amorphous regions are selected by the composition of said additive, and the amount of said additive.